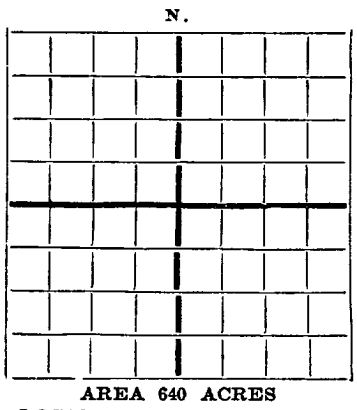
DUPLICATE

Form SC 108




AREA 640 ACRES
LOCATE WELL CORRECTLY

# NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

## DEPARTMENT OF THE STATE GEOLOGIST

# WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company Phillips Petroleum Address Bartlesville, Oklahoma

Send correspondence to C. P. Dimit Address Bartlesville, Oklahoma

C. D. Woolworth Well No. 7 in SE¼ SW¼ of Sec. 25, T. 24S,

R. 36E, N. M. P. M., Jal Oil Field Lea County.

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is C. D. Woolworth, Address Jal, New Mexico

The lessee is Pure Oil Company, Address Ft. Worth, Texas

If not state or patented land, give status

Drilling commenced September 10, 19 34. Drilling was completed October 29, 19 34

Name of drilling contractor Loffland Brothers, Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3550.1 feet.

The information given is to be kept confidential until 19.

## OIL SANDS OR ZONES

No. 1, from 3475 to 3500 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

## IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

## CASING RECORD

| SIZE | WEIGHT PER FOOT | THREADS PER INCH | MAKE | AMOUNT | KIND OF SHOE | CUT & PULLED FROM | PERFORATED FROM | PERFORATED TO | PURPOSE |
|---|---|---|---|---|---|---|---|---|---|
| 12½ | 50 | 8 | LW | 212'6" | TP | | | | |
| 7 5/8 | 26 | 8 | SS | 2900'4" | Float | | | | |
| 5½ | 17 | 10 | SS | 3472'1" | Float | | | | |
| | | | | | | | | | |
| Note: All measurements taken from top of rotary table, 4½' above the ground. | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

## MUDDING AND CEMENTING RECORD

| SIZE | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|---|---|---|---|---|---|
| 12½ | 212'6" | 150 | Halliburton | | |
| 7 5/8 | 2900'4" | 700 | " | | |
| 5½ | 3472'1" | 100 | " | | |
| | | | | | |

## PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

## SHOOTING RECORD

| SIZE | SHELL USED | EXPLOSIVE USED | QUANTITY | DATE | DEPTH SHOT | DEPTH CLEANED OUT |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |

## TOOLS USED

Rotary tools were used from 0 feet to 3500 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing October 30, 19 34.

The production of the first 24 hours was 16 hrs 10 min. 507.5 barrels of fluid of which 99.6 % was oil; % emulsion; % water; and .4 % sediment. Gravity, Be

If gas well, cu. ft. per 24 hours 4,480,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 1200.

## EMPLOYES

C. C. Fields, Driller Roy Campbell, Driller

B. R. Souders, Driller , Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 16 day of November, 19 34

Name J. L. Lynch

Position Vice President

Representing Phillips Petroleum Company

Company or Operator.

J. L. Todd
Notary Public.

My commission expires 7/6/1938

DUPLICATE

# FORMATION RECORD

| FROM | TO | THICKNESS IN FEET | FORMATION |
|---|---|---|---|
| 0 | 30 | 30 | Sand |
| 30 | 320 | 290 | Sand & Shell |
| 290 | 470 | 150 | Shale and shell |
| 470 | 560 | 90 | Sand |
| 560 | 800 | 240 | Sandy shale and shell |
| 800 | 945 | 145 | Red bed shells |
| 945 | 1085 | 140 | Red bed and anhydrite |
| 1085 | 1228 | 143 | Sand, shells and shale |
| 1228 | 1530 | 302 | Anhydrite |
| 1530 | 1835 | 305 | Salt & anhydrite shells |
| 1835 | 1919 | 84 | Salt |
| 1919 | 1934 | 15 | Anhydrite |
| 1934 | 2121 | 187 | Salt & anhydrite shells |
| 2121 | 2225 | 104 | Salt shells |
| 2225 | 2395 | 170 | Salt |
| 2395 | 2420 | 25 | Anhydrite |
| 2420 | 2455 | 35 | Salt |
| 2455 | 2467 | 12 | Anhydrite |
| 2467 | 2604 | 137 | Salt & lime shells |
| 2604 | 2719 | 115 | Salt & anhydrite |
| 2719 | 2735 | 16 | Salt |
| 2735 | 2765 | 30 | Dolomite |
| 2765 | 2770 | 5 | Anhydrite |
| 2770 | 2855 | 85 | Lime |
| 2855 | 2883 | 26 | Brown lime |
| 2883 | 2921 | 38 | Lime |
| 2921 | 2950 | 29 | Sandy lime |
| 2950 | 2980 | 30 | Sand |
| 2980 | 3003 | 23 | Broken lime and sand |
| 3003 | 3017 | 14 | Sand and lime |
| 3017 | 3025 | 8 | Lime |
| 3025 | 3035 | 10 | Sand |
| 3035 | 3104 | 69 | Lime |
| 3104 | 3145 | 41 | Lime shell and green shale |
| 3145 | 3229 | 84 | Lime |
| 3229 | 3288 | 49 | Anhydrite and lime shells |
| 3288 | 3340 | 52 | Lime, sand and shell |
| 3340 | 3370 | 30 | Sandy lime |
| 3370 | 3430 | 60 | Lime |
| 3430 | 3500 | 70 | Sandy lime |